

APPARATUS FOR AN INTERNAL COMBUSTION ENGINE

Abstract

Method and arrangement for delivering EGR gas to combustion spaces in a multi-cylinder, four-stroke internal combustion engine. Each cylinder, with an associated piston, has at least one inlet valve and at least one exhaust valve (10) for controlling fluid interconnection between the combustion space in the cylinder and an intake system and an exhaust system, respectively. A rotatable camshaft (18) having a cam curve (23) is designed to interact with a cam follower (17) for operation of the exhaust valve (10) during a first opening and closing phase. The cam curve (23) is also designed to interact with a second cam follower (20) during a second opening and closing phase which is phase-offset in relation to the first aforementioned opening and closing phase. This configuration facilitates the cylinder being connected to the exhaust system during the induction stroke, once the exhaust stroke is completed.